

Claims

What is claimed is:

1. A method of forming a wellbore casing within a borehole that traverses a subterranean formation, comprising:
 - positioning a first wellbore casing within and coupling the first wellbore casing to the borehole;
 - positioning a second wellbore casing within the borehole that overlaps with and is coupled to the first wellbore casing;
 - positioning a tubular liner within the borehole that overlaps with and is coupled to at least a portion of the second wellbore casing;
 - extending the length of the borehole;
 - decoupling the tubular liner from the second wellbore casing and removing the tubular liner from the borehole; and
 - positioning a third wellbore casing within the borehole that overlaps with and is coupled to the second wellbore casing.
2. The method of claim 1, further comprising:
 - radially expanding and plastically deforming the overlapping portions of the first and second wellbore casings; and
 - radially expanding and plastically the portion of the second wellbore casing that does not overlap with the first wellbore casing.
3. The method of claim 2, wherein the inside diameters of the first wellbore casing and the second wellbore casing are substantially equal.
4. The method of claim 3, wherein the inside diameters of the first wellbore casing and the second wellbore casing are substantially constant.
5. The method of claim 1, further comprising:
 - radially expanding and plastically deforming the overlapping portions of the second and third wellbore casings; and
 - radially expanding and plastically the portion of the third wellbore casing that does not overlap with the second wellbore casing.

6. The method of claim 5, wherein the inside diameters of the second wellbore casing and the third wellbore casing are substantially equal.
7. The method of claim 6, wherein the inside diameters of the second wellbore casing and the third wellbore casing are substantially constant.
8. The method of claim 2, further comprising:
radially expanding and plastically deforming the overlapping portions of the second and third wellbore casings; and
radially expanding and plastically the portion of the third wellbore casing that does not overlap with the second wellbore casing.
9. The method of claim 8, wherein the inside diameters of the first, second, and third wellbore casings are substantially equal.
10. The method of claim 9, wherein the inside diameters of the first, second, and third wellbore casings are substantially constant.
11. A system for forming a wellbore casing within a borehole that traverses a subterranean formation, comprising:
means for positioning a first wellbore casing within and coupling the first wellbore casing to the borehole;
means for positioning a second wellbore casing within the borehole that overlaps with and is coupled to the first wellbore casing;
means for positioning a tubular liner within the borehole that overlaps with and is coupled to at least a portion of the second wellbore casing;
means for extending the length of the borehole;
means for decoupling the tubular liner from the second wellbore casing and removing the tubular liner from the borehole; and
means for positioning a third wellbore casing within the borehole that overlaps with and is coupled to the second wellbore casing.
12. The system of claim 11, further comprising:
means for radially expanding and plastically deforming the overlapping portions of the first and second wellbore casings; and

means for radially expanding and plastically the portion of the second wellbore casing that does not overlap with the first wellbore casing.

13. The system of claim 12, wherein the inside diameters of the first wellbore casing and the second wellbore casing are substantially equal.
14. The system of claim 13, wherein the inside diameters of the first wellbore casing and the second wellbore casing are substantially constant.
15. The system of claim 11, further comprising:
means for radially expanding and plastically deforming the overlapping portions of the second and third wellbore casings; and
means for radially expanding and plastically the portion of the third wellbore casing that does not overlap with the second wellbore casing.
16. The system of claim 15, wherein the inside diameters of the second wellbore casing and the third wellbore casing are substantially equal.
17. The system of claim 16, wherein the inside diameters of the second wellbore casing and the third wellbore casing are substantially constant.
18. The system of claim 12, further comprising:
means for radially expanding and plastically deforming the overlapping portions of the second and third wellbore casings; and
means for radially expanding and plastically the portion of the third wellbore casing that does not overlap with the second wellbore casing.
19. The system of claim 18, wherein the inside diameters of the first, second, and third wellbore casings are substantially equal.
20. The system of claim 19, wherein the inside diameters of the first, second, and third wellbore casings are substantially constant.